



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Atty. Docket

RADU JASINSCHI ET AL

US 010118

Serial No.: 09/843,499

Group Art Unit: 2615

Filed: APRIL 26, 2001

Examiner:

Title: A METHOD AND DEVICE FOR SEGMENTING AND INDEXING TV
PROGRAMS USING MULTI-MEDIA CUES

Commissioner for Patents
Washington, D.C. 20231

#2
LTU 809 15
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LETTER TO OFFICIAL DRAFTSMAN

Sir:

Enclosed are (7) SEVEN sheets of formal drawings
for filing in the above-identified application.

Respectfully submitted,

By *Russell Gross*
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Attorney
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CERTIFICATE OF MAILING

I hereby certify that this correspondence is being
deposited this date with the United States Postal Service as
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COMMISSIONER OF PATENTS AND TRADEMARKS
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On *July 23, 2001*
By *Edna Chapp*

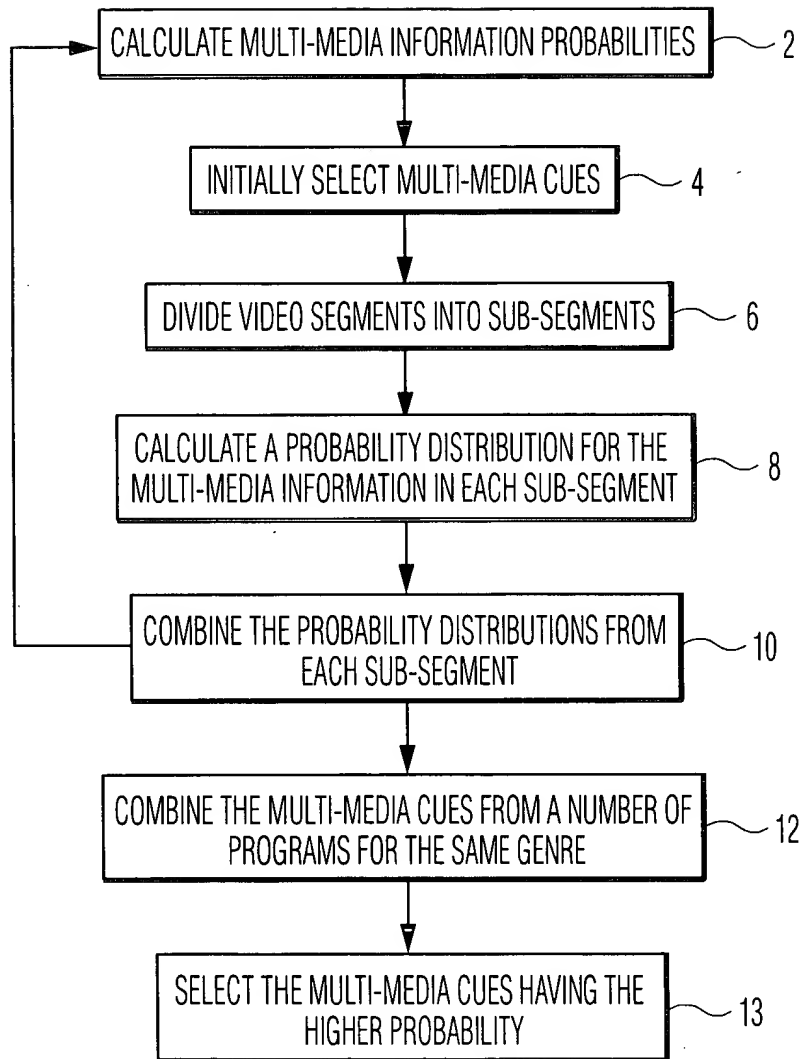


FIG. 1

FRAME START	FRAME END	SILENCE	NOISE	SPEECH(SP)	MUSIC	SP+SP	SP+NOISE	SP+MUSIC	
0	18		1	0	0	0	0	0	0
18	89		0	0	0.573333	0.426667	0	0	0
90	155		0	0.716418	0	0.283582	0	0	0
156	198		0	0.212121	0	0.787879	0	0	0
199	276		0	0.552941	0	0.447059	0	0	0
277	304		0	0	0	0.666667	0	0	0.333333

FIG. 2

VOTE1	VOTE2	VOTE3	THRESHOLD1	THRESHOLD2	THRESHOLD3
1	1	4	0.30	0.50	0.80
1	1	4	0.30	0.60	0.90
1	1	4	0.40	0.60	0.80
1	2	3	0.30	0.50	0.80
1	2	3	0.30	0.60	0.90
1	2	3	0.40	0.60	0.80
1	2	4	0.30	0.60	0.80
1	2	4	0.30	0.60	0.90
1	2	4	0.40	0.60	0.90
1	2	5	0.30	0.50	0.80
1	2	5	0.30	0.60	0.90
1	2	5	0.40	0.60	0.80
1	3	5	0.30	0.50	0.80
1	3	5	0.30	0.60	0.90
1	3	5	0.40	0.60	0.80

FIG. 3

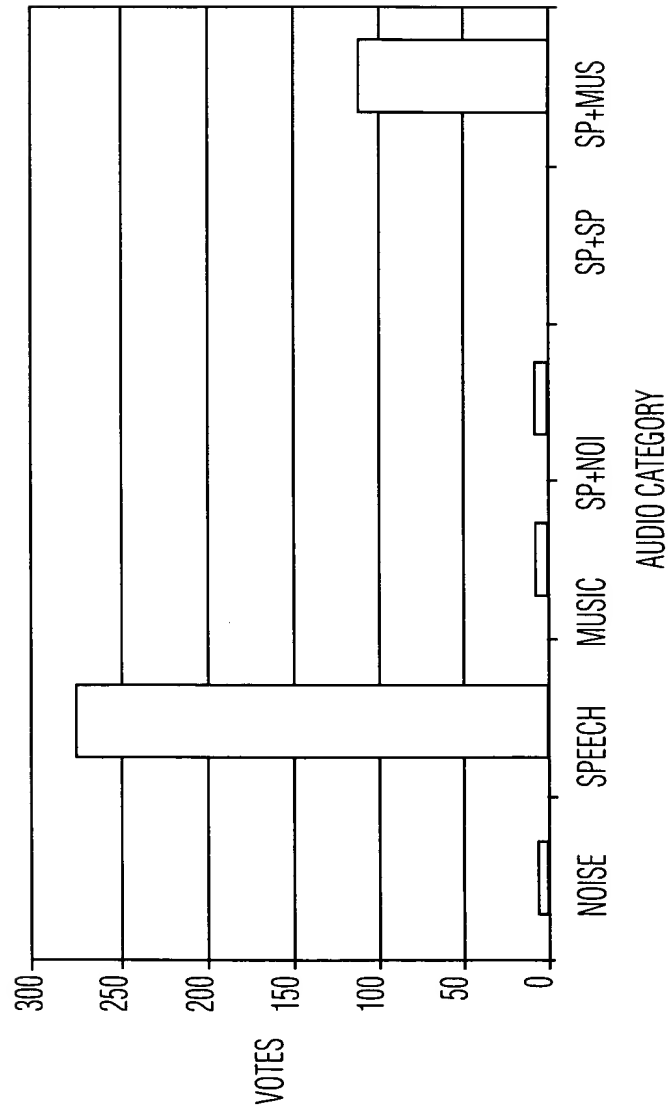


FIG. 4

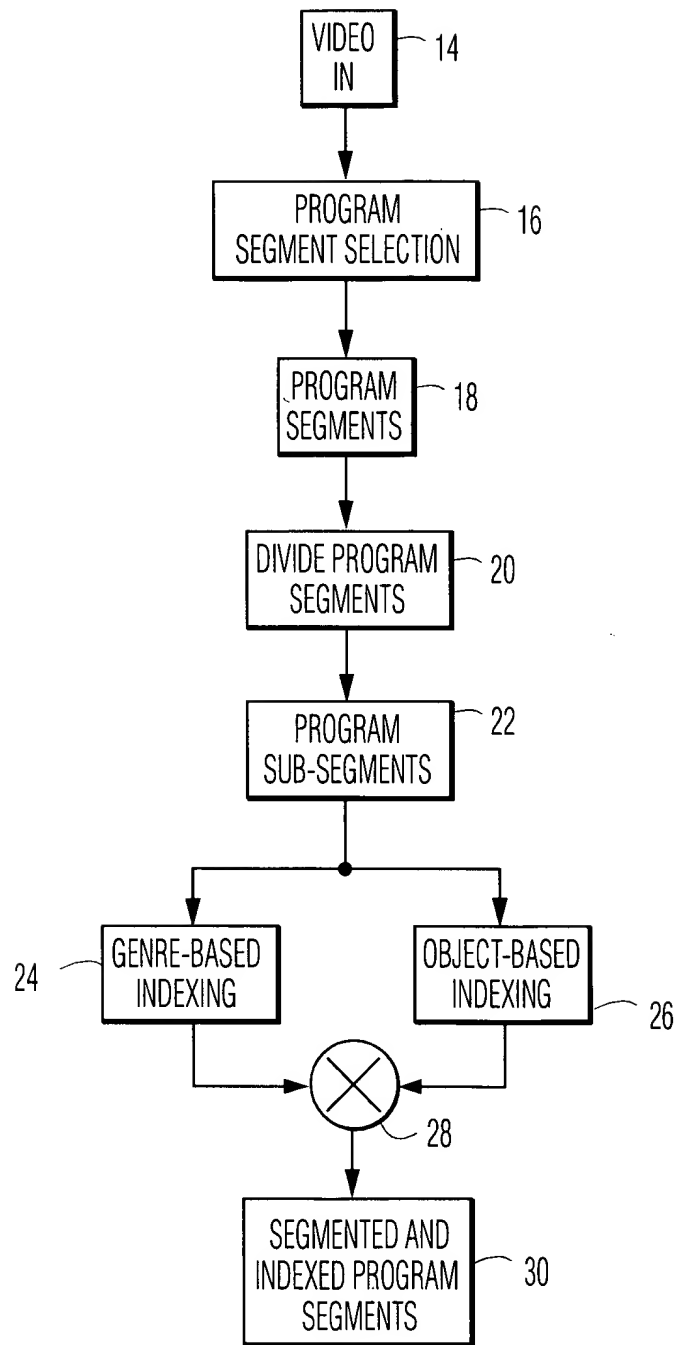


FIG. 5

PERCENTAGE OF KEYFRAMES IN PROGRAM SEGMENTS AND COMMERCIALS

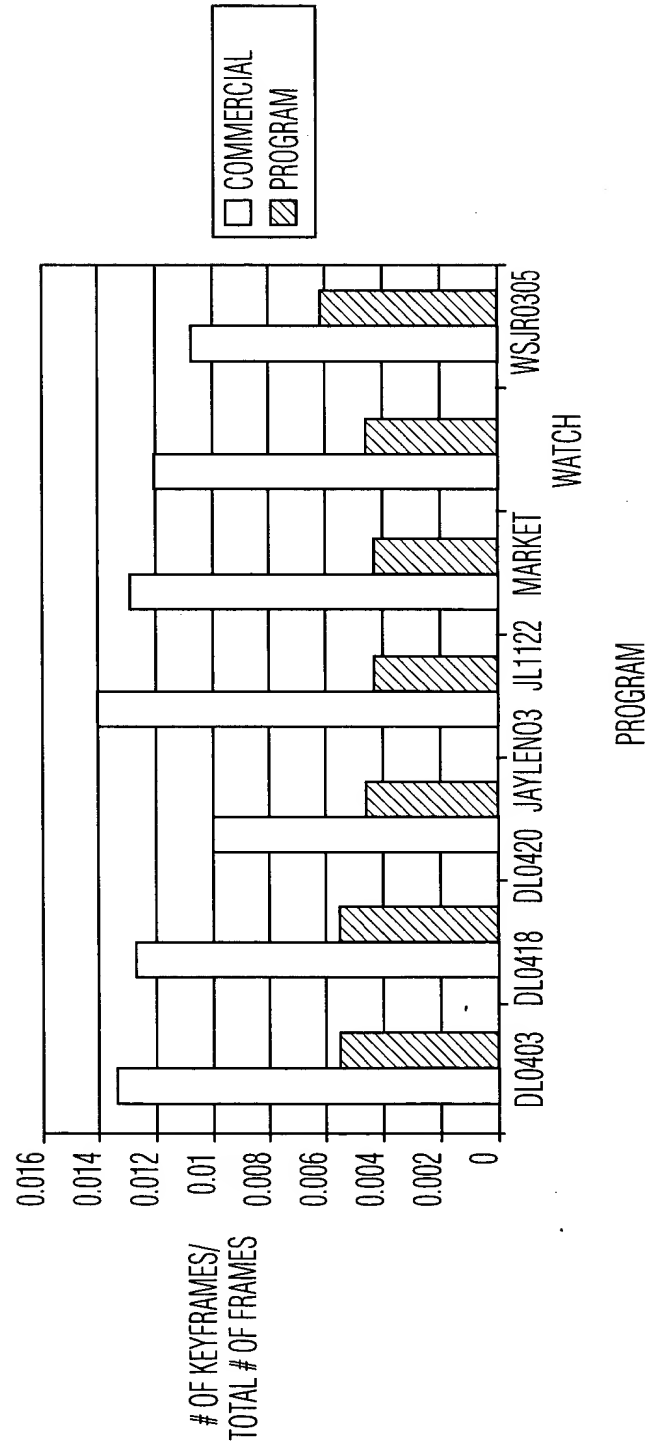


FIG. 6

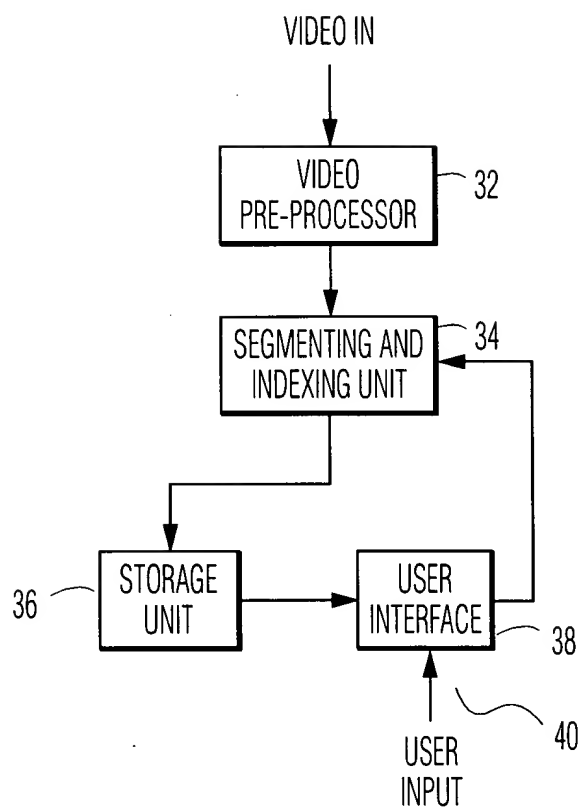


FIG. 7